

Features

- Formerly **J.W. Miller**® model
- Available in E12 series
- Unit height of 5.2 mm
- Current up to 4.5 A
- RoHS compliant*

Applications

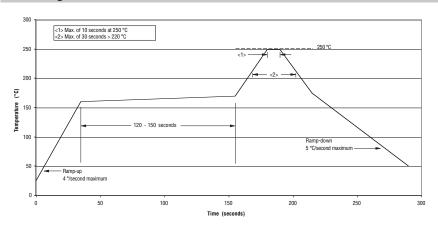
- Input/output of DC/DC converters
- Power supplies for:
 - Portable communication equipment
 - Camcorders
 - LCD TVs

PM3316S Series - Shielded Power Inductors

Electrical Specifications

	Inductance 1 kHz			Test	SRF	550	Irms	Isat
Bourns Part No.	(μH)	Tol. %	Q Ref.	Frequency (MHz)	Min. (MHz)	RDC (Ω)	Max. (A)	Тур. (A)
PM3316S-1R0M-RC	1.0	± 20	25	7.96M	120	0.017	4.50	8.00
PM3316S-1R5M-RC	1.5	± 20	25	7.96M	100	0.020	3.60	7.00
PM3316S-2R2M-RC	2.2	± 20	25	7.96M	90.0	0.027	3.10	6.10
PM3316S-3R3M-RC	3.3	± 20	25	7.96M	75.0	0.039	3.30	3.90
PM3316S-4R7M-RC	4.7	± 20	25	7.96M	50.0	0.040	2.50	3.80
PM3316S-6R8M-RC	6.8	± 20	22	7.96M	35.0	0.075	2.20	2.80
PM3316S-100M-RC	10	± 20	48	2.52M	30.0	0.065	2.00	3.00
PM3316S-150M-RC	15	± 20	40	2.52M	20.0	0.085	1.70	2.10
PM3316S-220M-RC	22	± 20	42	2.52M	18.0	0.100	1.40	1.90
PM3316S-330M-RC	33	± 20	40	2.52M	15.0	0.160	1.20	1.56
PM3316S-470M-RC	47	± 20	35	2.52M	12.0	0.190	1.00	1.30

Soldering Profile



BOURNS®

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www.bourns.com



WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf

General Specifications

Operating Temperature

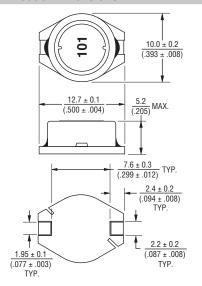
-40 °C to +125 °C (Temperature rise included)

Storage Temperature .. -40 °C to +125 °C Resistance to Soldering Heat

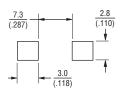
Materials

......Ind. drop 10 % typ. at Isat Temp. Rise......40 °C max. at rated Irms Packaging.......500 pcs. per reel

Product Dimensions

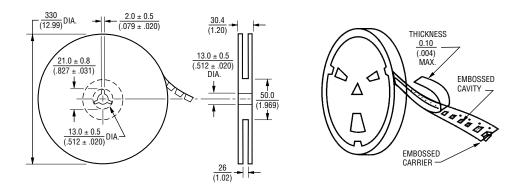


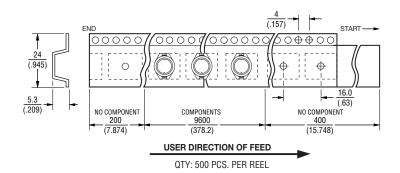
Recommended Layout



DIMENSIONS: MM

Packaging Specifications





DIMENSIONS: $\frac{MM}{(INCHES)}$

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